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4 MAY 1959

TO : Chief, Intelligence Information Staff, OIR
THRU : Chief, Industrial Division, OIR
FROM : Chief, Guided Missile Branch, D/I
SUBJECT: Requirement for Clarification and Amplification of
Certain Soviet Industrial Statistical Categories

Background

1. Analysis of Soviet open-source statistics of industrial production has proceeded to the point where the approximate value

series have considerable significance in the very important problem

In order to refine the series for military hardware production, however, there are several gaps in present knowledge concerning the definitions and coverage of certain Soviet statistical categories which should be narrowed or closed. Although the information desired has not been published, it is believed to be unclassified. Furthermore, Soviet economists and governmental officials from time to time over the past few years openly discussed similar information with Westerners possessing appropriate academic or official background.

2. The information desired concerns the definition and coverage of several statistical categories for which the Soviets have published index numbers. A translation of the tables containing these indexes is attached. Table I represents the proportions of producer goods, "Group A", and consumer goods, "Group B", in the total output of USSR industry. Table II represents the growth of producer goods and of several sub-categories thereof. Both of these tables are to be found on p. 13 of the 1957 Russian language edition of Industry USSR (Proizvodstvo SSSR, Moscow, Gosstatizdat, 1957). Table III represents the official index of the growth of "gross production" of USSR industry, to be found on p. 33 of the referenced volume. Table IV, which appears on p. 203 of the referenced work, represents the growth of two machinery output categories, the first being the comprehensive category "machine building and metalworking", the second, the somewhat smaller sub-category, "machine building".

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3. In servicing the requirements given below care should be exercised not to jeopardize continued Soviet publication of hitherto unclassified data. The primary consideration is the background and

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4. Because these industrial statistics are national in scope and in part compiled only by the Central Statistical Directorate in Moscow, a good deal of the desired information is not available at the regional and local levels. The lowest level at which all the information might be obtained is at the Russian or Ukrainian Republic level. The Soviet sources from whom the information probably could be elicited by individuals with the appropriate background are: 1) officials of the USSR Gosplan and the Central Statistical Directorate, and 2) Soviet academic economists who are associated with the former organizations. Although textbooks and journal articles written by officials of these organizations and by certain academic economists have provided the body of knowledge which has made possible our present ability to deal with and interpret the statistics in question, the gaps in knowledge set forth by these requirements go just one step beyond the textbooks and articles but without, to the best of our knowledge, crossing the line into strictly classified material.

Requirements: (SECRET, except for questions themselves)

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Question (UNCLASSIFIED): What is the total ruble value of the turnover tax included in Table III; or, put another way, what would the proportions be in Table I, if the turnover tax on intermediate products were included?

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(Background: From open-source material it appears that for 1955 the turnover tax on intermediate products amounted to between one-third and one-half of the total turnover tax, or about 80 to 120 billion rubles. A more precise absolute figure, or proportion of the total, is needed.)

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a) What products, if any, included in the category "machine building" in Table IV are not included in the category "machinery, tools and equipment" in Table II? Are spare parts and consumer durables included in the former but not in the latter?

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b) What is the proportion of "machine building and metal working" in the value of total industrial production? What is the proportion of "machine building" in the value of output of "machine building and metal working"? What is the proportion of "machinery, tools and equipment" in the value of output of "machine building" and/or "machine building and metal working"?

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Attachments:

A - Tables 1 - 4

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TABLE I
(UNCLASSIFIED)

Proportions of the Production of Producer Goods (Group "A")
and Production of Consumer Goods (Group "B") in Gross
Value of Industrial Production
(in percent)

Year	All Industry	Production of Producer Goods (Group "A")	Production of Consumer Goods (Group "B")
1950	100	68.8	31.2
1951	100	68.8	31.2
1952	100	69.2	30.8
1953	100	69.2	30.8
1954	100	69.5	30.5
1955	100	70.5	29.5

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TABLE II
(UNCLASSIFIED)

Structure and Tempo of Growth of Production of Producer Goods

(Group "A")

	As percent of total		1955 as percent of
	1950	1955	1950
I. Group "A" (Production of Producer Goods)	100	100	191
A. Orodya Truda (Machinery, Tools and Equipment)	26	31	227
B. Prodnety Truda (Materials and Semi-fabricates)	74	69	177
1. For Producer Goods	48	46	183
2. For Consumer Goods	26	23 23	167

TABLE III
(UNCLASSIFIED)

Tempo of Growth of Gross Value of Industrial Production
As Percent of 1950

<u>Year</u>	<u>Total Industry</u>	<u>Production of Producer Goods (Group "A")</u>	<u>Production of Consumer Goods (Group "B")</u>
1950	100	100	100
1951	116	117	116
1952	130	131	128
1953	145	146	144
1954	165	166	163
1955	185	191	176

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TABLE IV
(UNCLASSIFIED)

Tempo of Growth of Gross Value of Production of Machinebuilding
and Metalworking (Mashinostroeniye i Metalloobrabotka)

As Percent of 1950

<u>Year</u>	<u>Machinebuilding and Metalworking (total)</u>	<u>(Mashinostroeniye) Machinebuilding</u>
1950	100	100
1951	118	120
1952	137	140
1953	159	169
1954	185	200
1955	220	243